



TECHNICAL DATA SHEET
SILICON METAL
SIALMET

TYPICAL ANALYSIS (Reach no 01-2119480401-47-0310)

	SIAL ST	SIAL ST	SIAL BR	SIAL HQ	SIAL HQ+
Si (TOTAL)	97,5% MIN	98,5% MIN	99,6% MIN	99,8% MIN	99,96% MIN
Fe	0,9% MAX	0,8% MAX	0,2% MAX	0,05% MAX	0,0015% MAX
Ca	0,35% MAX	0,3% MAX	0,05% MAX	traces	0,0010% MAX
Al	0,70% MAX	0,65% MAX	0,25% MAX	0,1% MAX	0,0015% MAX

APPLICATIONS

- Castable - Refractory - Crucibles
- Ceramic Industry
- Deoxydation
- Diesel particulate filters
- Hot repairs in furnaces (ceramic welding)
- Brazing - Soldering (Paste)
- Alloying metal (→ Al)
- Electronic + Solar
- Nitride
- Battery
- Explosives (delay charge)
- Enamels



All these values have to be confirmed with each offer and sales confirmations.

MAIN SIZES (other sizes on request)

0 — 10 MY
325 mesh
200 mesh
40 — 120 MY
0,2 — 0,8 mm

ONLY CONTROL ANALYSES BY TERRACHEM ANALYSENLABOR
(MANNHEIM GERMANY) ARE ACCEPTED IN CASE OF DISPUTE